

Title (en)

CODING METHOD FOR TIME-DOMAIN STEREO PARAMETER, AND RELATED PRODUCT

Title (de)

CODIERUNGSVERFAHREN FÜR ZEITBEREICH-STEREOPARAMETER UND ENTSPRECHENDES PRODUKT

Title (fr)

PROCÉDÉ DE CODAGE POUR PARAMÈTRE STÉRÉO DE DOMAINE TEMPOREL ET PRODUIT ASSOCIÉ

Publication

EP 3657498 A4 20200812 (EN)

Application

EP 18843502 A 20180810

Priority

- CN 201710680858 A 20170810
- CN 2018099887 W 20180810

Abstract (en)

[origin: EP3657498A1] A time-domain stereo parameter encoding method and a related product are provided. The time-domain stereo parameter encoding method includes: determining a channel combination scheme for a current frame; determining a time-domain stereo parameter of the current frame based on the channel combination scheme for the current frame; and encoding the determined time-domain stereo parameter of the current frame, where the time-domain stereo parameter includes at least one of a channel combination ratio factor and an inter-channel time difference. The technical solutions provided in embodiments of this application help improve encoding and decoding quality.

IPC 8 full level

G10L 19/008 (2013.01); **G10L 19/18** (2013.01); **G10L 25/03** (2013.01)

CPC (source: CN EP KR US)

G10L 19/008 (2013.01 - CN EP KR US); **G10L 19/18** (2013.01 - CN EP KR); **G10L 19/22** (2013.01 - CN KR US); **G10L 25/03** (2013.01 - EP KR)

Citation (search report)

- [XA] WO 2017049396 A1 20170330 - VOICEAGE CORP [CA]
- [X] "7 kHz audio-coding within 64 kbit/s: New Annex D with stereo embedded extension", ITU-T DRAFT ; STUDY PERIOD 2009-2012, INTERNATIONAL TELECOMMUNICATION UNION, GENEVA ; CH, vol. 10/16, 8 May 2012 (2012-05-08), pages 1 - 52, XP044050906
- [A] BERTRAND FATUS: "Parametric Coding for Spatial Audio", MASTER THESIS, 27 January 2016 (2016-01-27), pages 1 - 70, XP055709902, Retrieved from the Internet <URL:https://www.diva-portal.org/smash/get/diva2:1057217/FULLTEXT01.pdf> [retrieved on 20200630]
- See also references of WO 2019029680A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3657498 A1 20200527; EP 3657498 A4 20200812; EP 3657498 B1 20240508; BR 112020002626 A2 20200728; CN 109389986 A 20190226; CN 109389986 B 20230822; CN 117037814 A 20231110; CN 117133297 A 20231128; CN 117198302 A 20231208; CN 117292695 A 20231226; JP 2020529637 A 20201008; JP 2022031698 A 20220222; JP 2023129450 A 20230914; JP 6977147 B2 20211208; JP 7309813 B2 20230718; KR 102377434 B1 20220323; KR 102492600 B1 20230130; KR 102632523 B1 20240202; KR 20200035119 A 20200401; KR 20220041233 A 20220331; KR 20230020554 A 20230210; KR 20240016461 A 20240206; RU 2020109687 A 20210914; RU 2020109687 A3 20211220; SG 11202001144W A 20200330; TW 201911293 A 20190316; TW I691953 B 20200421; US 11727943 B2 20230815; US 2020175998 A1 20200604; US 2023352033 A1 20231102; WO 2019029680 A1 20190214

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